

Title (en)
AUDIO FRAME LOSS CONCEALMENT

Title (de)
MASKIERUNG VON AUDIORAHMENVERLUST

Title (fr)
DISSIMULATION DE PERTE DE TRAME AUDIO

Publication
EP 3096314 A1 20161123 (EN)

Application
EP 16178186 A 20140122

Priority
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• EP 14704704 A 20140122

Abstract (en)
A method and an apparatus for an audio frame loss concealment. According to the method a segment from a previously received or reconstructed audio signal is used as a prototype frame in order to create a substitution frame for a lost audio frame. The prototype frame is transformed into a frequency domain where a sinusoidal model is applied to the prototype frame to identify frequencies of sinusoidal components of the audio signal. A phase shift φ_k is calculated and the identified sinusoidal components are phase shifted by φ_k , while a magnitude spectrum of the prototype frame remains unchanged. The substitution frame is created by performing an inverse frequency transform of a frequency spectrum of the prototype frame.

IPC 8 full level
G10L 19/005 (2013.01); **G10L 19/02** (2013.01)

CPC (source: EP KR US)
G10L 19/005 (2013.01 - EP KR US); **G10L 19/02** (2013.01 - EP US); **G10L 25/69** (2013.01 - US)

Citation (search report)
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